16 bst. Form PTO-1449 Docket Number (Optional) Application Number **ECD-0014** 10/062,400 INFORMATION DISCLOSURE CITATION Applicant IN AN APPLICATION James A. Merkle, Jr., et al. Group Art Unit Filing Date (Use several sheets if necessary) 02/01/02 2131 U. S. Patent Documents FILING DATE DOCUMENT NUMBER **EXAMINER** SUBCLASS CLASS NAME DATE 10/31/77 178 22 AA 09/18/79 Best 4,168,396 178 22 10/10/73 AB 11/27/79 Englund 4,176,247 10/03/78 AC 427 163 4,223,050 09/16/80 Nyfeler, et al. 200 .09/14/78 01/20/81 4,246,638 Thomas 364 AD 133 09/17/79 360 AE Chenoweth, et al. 4,263,634 04/21/81 4 05/07/90 **AF** Platteter, et al. 380 5,027,396 06/25/91 227 03/06/80 AG 4,279,852 07/21/81 Engelmann 264 360 27 06/16/80 AΗ Kalinowski 4,333,113 06/01/82 09/22/80 Caraballo 428 65 AI 06/15/82 4,335,173 07/25/80 350 358 AJ 4,336,981 06/29/82 Mori 25 01/18/91 380 ΑK 03/02/93 Lang 5,191,611 FOREIGN PATENT DOCUMENTS Translation DOCUMENT NUMBER CLASS SUBCLASS DATE COUNTRY \mathbf{AL} **AM** AN AO AP AQ OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) AR AS AT

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BA 4,433,207 02/21/84 Best 178 22.09 09/10/81 BB 4,446,519 05/01/84 Thomas 364 300 05/26/81 BC 4,453,074 06/05/84 Weinstein 235 380 10/19/81 BD 4,454,594 06/12/84 Heffron, et al. 364 900 11/25/81 BE 4,458,315 07/03/84 Uchenick 364 200 02/25/82 BF 4,462,076 07/24/84 Smith, III. 364 200 06/04/82 BG 4,465,901 08/14/84 Best 178 22.08 07/02/81 BH 4,471,163 09/11/84 Donald, et al. 178 22.08 10/05/81 BI 4,479,579 10/30/84 Miklos 206 309 11/24/82 BJ 4,495,526 01/22/85 Baranoff-Rossine 360 15 10/25/82 BK 4,510,508 04/09/85 Janssen 346 135.1 04/15/83 FOREIGN PATENT DOCUMENTS FOREIGN PATENT DOCUMENTS Trenslation BL BM BN BN BN BN BN BN BN BN BN				DATE	NAME		CLASS	SUBCLASS		
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<u>U</u>	CA	4,513,174	04/23/85	Herman	1	178	22.08	03/19/	
ed_	СВ	4,528,588	06/09/85	Lofberg	3	358	122	09/25/	81
es.	CC	4,558,176	12/10/85	Arnold, et	al.	178	22.08	09/20/	82
est	CD	4,573,119	02/25/86	Westheimer,	et al.	364	200	07/11/	83
U	CE	4,577,289	03/18/86	Comerford,	et al.	364	900	12/30/	83
CA	CF	4,584,641	04/22/86	Gugliemi	по	364	200	08/29/	83
CA	CG	4,590,470	05/20/86	Koenig		340	825.31	07/11/	83
es	СН	4,593,353	06/03/86	Pickholt	z	364	200	10/26/	81
es	CI	4,595,950	06/17/86	Lofberg	3	358	122	12/17/	84
CA	.Cl	4,634,807	01/06/87	Chorley, e	Chorley, <i>et al.</i>		22.08	08/23/85	
OL	CK	4,644,493	02/17/87	Chandra, e	t al.	. 364	900	09/14/	84
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DA:	DA	4,649,233	03/10/87	Bass, et a	ıl.	380	21	04/11/	
01	DB	4,652,990	03/24/87	Pailen, et		364	200	10/27/	/83
11	DC	4,658,093	04/14/87	Hellman		380	25	07/11/	83
ÖL.	·DD	4,670,857	06/02/87	Rackma	מ	380	4	10/26/81	
EL	DE.	4,677,604	06/30/87	Selby, et	Selby, et al.		33	02/04/	'85
CL	DF	5,312,663	05/17/94	Kosinski, e	t al.	428	64	12/27/	91
ef	DG	4,683,553	07/28/87	Mollier		380	4	02/05/	86
CA	DH	4,683,968	08/04/87	Appelbaum,	et al.	380	4	09/03/	85
CL	DI	4,685,055	08/04/87	Thomas	3	364 -	200	07/01/	85
CL	DJ	4,695,993	09/22/87	Takagi, <i>et</i>	Takagi, <i>et al</i> .		54	06/10/85	
ef	DK	4,698,695	10/06/87	Kosaka, es	aL	358	338	09/16/	85
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/IL	EA	4,724,492	02/09/88	Kosaka, e	aL	358	342	09/16/8	
CA	EB	4,734,796	03/29/88	Grynberg,	et al.	360	60	09/06/8	33
1/1	EC	4,740,890	04/26/88	Willian	William		200	12/22/83	
The	ED	4,742,543	05/03/88	Frederik	Frederiksen		9	07/10/8	36
01	EE	4,747,139	05/24/88	Taaffe		380	44	10/21/8	36
CL	EF	4,752,554	06/21/88	Sato, et	ıL.	430	273	06/02/8	36
CA	·EG	4,757,468	07/12/88	Domenik,	a al.	364.	900	04/21/8	37
CLE	ЕН	4,757,534	07/12/88	Matyas, e	t al.	380	25	02/03/8	37
61	EI	4,761,775	08/02/88	Muraka	Murakami		46	01/23/87	
es_	EJ	4,785,361	11/15/88	Brotby	Brotby		60	12/16/8	36
eL	EK	4,796,181	01/03/89	Wiedem	er	364	406	10/24/8	36
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CL	FA	4,796,220	01/03/89	Wolfe		364	900	12/15/8	6
PA	FΒ	4,849,836	07/18/89	Kachiki	an	360	60	07/24/8	6
CJ	FC	4,849,927	07/18/89	Vos		364	900	09/22/8	7
CS	FD	4,858,036	08/15/89	Ginke	1	360	60	08/04/8	6
QL.	FE	4,866,769	09/12/89	Karp		380	4	08/05/8	7
CL	FF	4,868,805	09/19/89	Hanami,	et al.	369	53	08/13/8	7
01	FG	4,879,704	11/07/89	Takagi, e	t al.	369	14	07/16/8	7
CF	FH	4,891,504	01/02/90	Gupta	1	235	462	06/17/8	5
lh	FI.	4,839,883	06/13/89	Nagata, <i>e</i>	et al.	369	286	06/25/8	7
CL	FJ	4,903,296	02/20/90	Chandra,	et al.	380	4	11/12/8	16
CLST	FK	4,907,216	03/06/90	Rijnsbu	ger	369	275	12/09/8	7
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	GA	4,910,725	03/20/90	Drexler, e	tal:	369	275	10/17/86	
es	GB	4,942,565	07/17.90	Lagade	c	369	59	07/28/89	
ex	GC	4,949,331	08/14/90	Maeda, <i>et</i>	al.	369	.275.3	06/17/86	
C2	GD	4,959,861	09/25/90	Howlett	e	380	4	07/13/88	
es	GE	4,961,182	10/02/90	Saito, et	aL .	369	124	06/29/88	╛
CL	GF	4,967,403	10/30/90	Ogawa, et	al.	369	44.26	04/20/88	_
01	GG	5,703,858	12/30/97	Mitchell, e	t al.	369	58	10/21/96	
PI	GH	4,975,898	12/04/90	Yoshid	B	369	100	08/18/88	
PI	GI	4,980,782	12/25/90	Ginkel		360	60	06/03/85	
es	GJ	4,991,163	02/05/91	Tokusbuku,	et al.	369	275.4	02/08/88	
61	GK	5,004,232	04/02/91	Wong, et	al.	273	435	10/13/89	┙
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CA	НА	5,060,219	10/22/91	Lokhoff, e	t aL	369	48	12/20/8	8	
CL	нв	5,065,429	11/12/91	Lang		380	25	10/14/9	0	
CL	HC	5,153,861	10/06/92	Maeda, et	al.	369	32	12/13/8	9	
CA	HD	5,073,925	12/17/91	Nagata, <i>et</i>	al.	380	3	06/13/9	0	
Cf	HE	5,122,912	06/16/92	Kanota, et	al.	360	46	05/18/8	9	
CL	HF	5,150,339	9/22/92	Ueda, et a	zL	369	32	04/20/9	0	
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lf	нн	5,159,633	10/27/92	Nakamu	ra	380	30	01/15/9	1	
4	HI	5,168,482	12/01/92	al.	369	13	08/29/9	0		
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C.	IA	5,224,087	06/29/93	Maeda, et	al.	369	54	08/19/	
61	IB	5,243,423	09/07/93	DeJean, e	al.	358	142	12/20/	91
PI	IC	5,255,007	10/19/93	Bakx		346	1.1	11/13/	90
EL	ID	5,276,738	01/04/94	Hirsch		380	46	12/17/	92
CL	IE	5,285,440	02/08/94	Matsud	a	369	275.3	12/11/	92
es.	IF	5,323,367	06/21/94	Tamura, e	t al.	369	32	10/22/	92
es_	IG	5,350,923	09/27/94	Bassignana,	et al.	250	453.11	12/23/	92
CL	TH	5,371,792	12/06/94	Asai, et a				12/21/	93
CZ	п	5,379,433	01/03/95	bi	395	725 03		03/16/93	
1	IJ	5,392,351	02/21/95	Hasebe, et	al.	380	4	03/15/	93
IK 5,400,403 03/21/95 Fahn, et al. 380 21 08/16/93									93
			FOREIC	N PATENT I	OCUM	ENTS			
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INFOR	IN	AN APPLIC	CATION	MAHON	Applicant James	A. Merk	le, Jr., <i>et al</i> .		
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EXAMINER INITIALS		DOCUMENT NUMBER	DATE	NAME		CLASS	SUBCLASS	FIUNG DATE IF APPROPRIATE	
PI	JA	5,410,527	04/25/95	Ashinun	na	369	50	07/28/92	
T	JB	5,412,718	05/02/95	Narasimhalu	, et al.	380	4	09/13/93	
(1)	JC	5,418,852	05/23/95	Itami, et	al.	380	4	03/17/93	
E12	Л	5,424,102	06/13/95	Mizukuki,	et al.	427	510	01/03/94	
eL	JЕ	5,430,281	07/04/95	Lentz, et	Lentz, et al.		454	02/28/94	
est.	JF	5,457,668	10/10/95	Hibino, e	t aL	369	32	08/25/93	
Pd	JG	5,457,746	10/10/95	Dolphi	n	380	4	12/19/94	
ei	JН	5,475,664	12/12/95	Shimzume,	Shimzume, et al.		44.29	03/16/95	
U	Л	5,489,768	02/06/96	Brownstein	, et al.	235	414	12/31/92	
EL	JJ	5,513,169	04/30/96	Fite, et	al.	369	272	11/29/94	
éL	JК	5,513,260	04/30/96	Ryan		380	3	06/29/94	
	<u> </u>	•	FOREI	GN PATENT	DOCUM	ENTS			
		DOCUMENT NUMBER	DATE	COUNT	RY	CLASS	SUBCLASS	Translation YES NO	
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INFOR		AN APPLIC			James James	A. Merk	le, Jr., <i>et al</i> .		
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EXAMINER		DOCUMENT NUMBER	DATE	NAME		CLASS	SUBCLASS	FILING DATE	
Col	KA	5,538,773	07/23/96	Kondo		428	64.1	06/28/94	
12	КВ	5,541,904	06/02/95	Fite, et a	L .	369	58	06/02/95	
01	KC	5,552,098	03/03/94	Kudo, et	al.	264	106	03/03/94	
01	KD	5,563,947	10/08/96	Kikinis		380	4 .	12/20/95	
07	KE	5,570,339	10/29/96	Nagan)	369	275.3	07/21/94	
1/1	KF	5,572,507	11/05/96	Ozaki, et	al.	369	275.4	09/11/95	
71	KG	5,579,113	11/26/96	Papst, et	aL.	356	426	03/10/95	
7.Z	КН	5,587,984	12/24/96	Owa, et	al. ·	369	103	09/08/95	
EL.	KI	5,590,111	12/31/96	Kirino, e	al.	369	116	. 07/13/93	
Ü	KJ	5,596,639	01/30/95	Kikini		380	4	01/30/95	
T.	KK	5,661,703	08/26/97	Moribe, e	t al.	369	14	03/21/96	
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CL	LA	5,696,757	12/09/97	Ozaki, <i>et</i>	al.	369	275.4	09/23/	96			
PL	LB	5,698,833	12/16/97	Skinger		235	462	04/15/	96			
CL	LC	5,706,047	01/06/98	Lentz, et	aL.	347	262	04/24/	95			
CL	LD	5,706,266	01/06/98	Brownstein,	rownstein, <i>et al</i> .		58	05/01/9	95			
CL	LE	5,714,935	02/03/98	Ryan, J	Ryan, Jr.		572	02/03/	95			
PL	LF	5,719,937	02/17/98	Warren, e	t aL	380	4	09/12/	96			
CL	LG	5,724,327	03/03/98	Timmermans	Timmermans, et al.		48	02/14/	95			
CL	LH	5,737,286	04/07/98	Timmermans	i, et al.	369	44.13	02/15/	95			
CL	LI	5,754,649	05/19/98	Ryan, et	al.	380	4	06/23/	97			
CL	LJ	5,761,301	06/02/98	Oshima, e	Oshima, et al.		4	11/17/95				
LK 5,805,551 09/08/98 Oshima, et al. 369 59 04/25/97												
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CL	MA	5,809,006	09/15/98	Davis, et	aL.	369	275.4	05/31/	96
EL	MB	5,812,501	09/22/98	Moribe, e	t al.	369	14	03/13/	97
1990	MC	5,807,640	09/15/98	Ueno, et	al.	428	64.1	08/28/	95
CL	MD	5,306,349	04/26/94	Nee		134	1	11/23/	92
CL	ME	5,818,812	10/6/98	Moribe, e	t al.	369	275.1	04/15/	96
C.L.	MF	5,822,291	10/13/98	Brindze, e	t al.	369	94	11/21/	95
CL	MG	5,826,156	10/20/98	Natsume,	et al.	399	389	02/27/	97
es	МН	5,267,311	11/30/93	Bakhou	m	380	4	12/08/	92
PA	МІ	5,886,979	03/23/99	Moribe, e	t al.	369	275.3	03/14/	97
CL	MJ	5,905,798	05/18/99	Nerlikar,	et al.	380	3	05/02/	97
CF	MK	5,930,209	07/27/99	Spitzenberge	r, et al.	369	32	07/24/	97
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INFOR		ON DISCLO		TIATION	Applicant James	A. Merk	le, Jr., <i>et al</i> .		
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INITIALS	NA	5,930,210	07/27/99	Timmermans	, et al.	369	44.13	11/26/	
CL.	NB	5,960,398	09/28/99	Fuchigami,	et al.	704	270	07/28/	97
PL	NC	5,963,909	10/5/99	Warren, e	t aL	705	1	11/25/	97
11	ND	5,881,038	03/09/99	Oshima, e	aL	369	59	04/18/	95
Q1	NE	6,052,465	04/18/00	Gotoh, et	al.	380	4	05/16/	96
CI	NF	6,101,476	08/08/00	Kamatakis,	et al.	705	1	07/21/	97
P. I	NG	6,108,296	08/22/00	Kajiyama,	et al.	369	275.4 .	08/19/	98
21	NH	6,122,739	09/19/00	Kutaragi,	et al.	713	200	11/13/	95
OL	NI	6,167,136	12/26/00	Chou		380	201	05/16/	97
CL	NJ	6,204,981	03/20/01	Ogino, et	al.	360	60	02/27/	98
ef	NK	6,226,244	05/01/01	Timmermans	Timmermans, et al. 369 48 04/2			04/21/	99
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INITIALS	OA	6,262,967	07/17/01	Kajiyama,	et al.	369	SUBCLASS 275.4	01/20	
17	ОВ	6,285,764	09/04/01	Gotoh, et	aL	380	203	10/04	/00
01	ос	6,298,138	10/02/01	Gotoh, et	al.	380	203	10/04	/00
62	OD	6,304,971	10/16/01	Kutaragi,	et al.	713	200	08/16	i/99.
U	OE	2001/0024411	09/27/01	Pirot, et	aL.	369	53.21	02/09	/01
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	-06-	5,153,861	10/6/92	Maeda, et	rat.	369	32	12/13	189— H
CL	ОН	5,770,348	06/23/98	Kondo		430	321	03/27	/96
	-OI	5,306,349	4/26/94	Nee		134-		11/23	792 Y
	OJ-	5,430,281	7/4/95	Lentz, et	at.	235	454	2/28/	94-
11	ОК	6,011,765	01/04/00	Nishio		369	59 04/07/97		
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ELECTRONIC INFORMATION DISCLOSURE STATEMENT

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Title of Invention

Systems and Methods for Media Authentication

Application Number:

10/062400

Confirmation Number:

1945

First Named Applicant:

James Merkle

Attorney Docket Number:

ECD-0014

Art Unit:

Examiner:

Search string:

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or 20030147339 or 20050063256 or 20020114265).pn

US Patent Documents

Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
CL	1	6589626	2003-07-08	Selinfreund, et al.		428	64.1
CL	2	6638593	2003-10-28	Selinfreund, et al.		428	64.1
ef	3	6838145	2005-01-04	Drew, et al.		428	64.8
et de	4	6747930	2004-06-08	Weldon, et al.		369	53.21
CL	5	6826137	2004-11-30	Lee, et al.		369	53.21

US Published Applications

Note: Applicant Is not required to submit a paper copy of cited US Published Applications

init	Cite.No.	Pub. No.	Date	Applicant	Kind	Class	Subclass
ef	1	20020001690	2002-01-03	Selinfreund, et al.		428	64.4
es	2	20050153109	2005-07-14	Drew, et al.		428	195.1
CI	3	20050083829	2005-04-21	Selinfreund, et al.		369	272.1
CL	4	20020181369	2002-12-05	Yeo		369	53.21
Cf.	5	20050084645	2005-04-21	Selinfreund, et al.	_	428	64.4
CL	6	20060023600	2006-02-02	Selinfreund, et		369	53.21

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e.	Z	7	20030147339	2003-08-07	Selinfreund, et al.	369	275.3
C)	Z	8	20050063256	2005-03-24	Selinfreund, et al.	369	18
es		9	20020114265	2002-08-22	Hart III, et al.	369	278-5

Remarks

Note: Remarks are not for responding to an office action.

Part 1 of 1. In accordance with the September 17, 2002 Official Gazette notice, the \$180.00 fee paid in conjunction with the present IDS also applies to a corresponding manually submitted IDS transmitted on the same day as the present electronic IDS.

Signature

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	cf	AS "Optical Data Copy Protection," Specification and Drawings of United States Patent Application number 09/608,886, filed June 30, 2000, the prosecution history of which is available online at www.uspto.gov								
	ef	AT	United States P	atent Appl	or Controlling Acication number 0 e at www.uspto.gc	9/631,505,	rage Medi filed Augu	a," Specification st 3, 2000, the p	and Drav	vings of history
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1		ECD	-0014	10/062,400					
CITATION N		James A. Merkle, Jr., et al.							
ess	sary)	Filing Date 02/0	01/02	Group Art Unit 2131					
U.	S. Patent Doc	uments			·				
TE	NAME	E	CLASS	SUBCLASS_	FILING DATE IF APPROPRIATE				
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FOREIGN PATENT DOCUMENTS

		DOCUMENT	T	==			Trans	lation
		NUMBER	DATE COUNTRY		CLASS	SUBCLASS	YES	NO
	BL							
	BM							<u> </u>
	BN							·
CL	ВО	WO 02/02301 A1	01/10/02	PCT	B29D	11/00	Х	
CL	BP	WO 02/03106 A2	01/10/02	PCT	G02B		Х	
CA	BQ	WO 02/03386 A2	01/10/02	PCT	G11B	20/00	X	

0		OTHER DOCUMENTS (Incl.	uding Author, Title, Date, Pert	nent Pages, Etc.)
	BR			
	BS			
	BT			<u> </u>
EXAMINER/		12	DATE CONSIDERED 5/18/06	

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy with next communication to applicant.

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EXAMINER INITIALS

INFORMATION DISCLOSURE CITATION IN AN APPLICATION

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